ABSTRACT OF THE DISCLOSURE

Novel methods for the medical treatment and/or inhibition of the development of osteoporosis, breast cancer, hypercholesterolemia, hyperlipidemia or atherosclerosis in susceptible warm-blooded animals including humans involving administration of selective estrogen receptor modulator particularly compounds having the general structure:

$$R_1$$
 R_2 R_2 R_1 R_2 R_2 R_3 R_4 R_4 R_5 R_5

and an amount of a sex steroid precursor selected from the group consisting of dehydroepiandrosterone, dehydroepiandrosterone sulfate, androst-5-ene-3β,17β-diol and compounds converted *in vivo* to one of the foregoing presursor. Further administration of bisphosphonates in combination with selective estrogen receptor modulators and/or sex steroid precursor is disclosed for the medical treatment and/or inhibition of the development of osteoporosis. Pharmaceutical compositions for delivery of active ingredient(s) and kit(s) useful to the invention are also disclosed.